touch, gestures, and machine intelligence, and may include the use of touch sensitive displays, voice and speech recognition, intention and goal understanding, motion gesture detection using depth cameras (such as stereoscopic camera systems, infrared camera systems, and other camera systems and combinations of these), motion gesture detection using accelerometers or gyroscopes, facial recognition, three dimensional displays, head, eye, and gaze tracking, immersive augmented reality and virtual reality systems, all of which provide a more natural interface, as well as technologies for sensing brain activity using electric field sensing electrodes (EEG and related methods).

Each component of this system that operates on a computer generally is implemented by software, such as one or more computer programs, which include computer-executable instructions and/or computer-interpreted instructions, such as program modules, being processed by the computer. Such computer instructions can be stored on computer storage to provide an article of manufacture. Generally, program modules include routines, programs, objects, components, data structures, and so on, that, when processed by a processing unit, instruct the processing unit to perform particular tasks or implement particular abstract data types. This computer system may be practiced in distributed computing environments where tasks are performed by remote processing devices that are linked through a communications network. In a distributed computing environment, program modules may be located in both local and remote computer storage media including memory storage devices.

Alternatively, or in addition, the functionally described herein can be performed, at least in part, by one or more hardware logic components. For example, and without limitation, illustrative types of hardware logic components that can be used include Field-programmable Gate Arrays (FPGAs), Program-specific Integrated Circuits (ASICs), Program-specific Standard Products (ASSPs), System-on-a-chip systems (SOCs), Complex Programmable Logic Devices (CPLDs), etc.

Any or all of the aforementioned alternate embodiments described herein may be used in any combination desired to form additional hybrid embodiments. It should be understood that the subject matter defined in the appended claims is not necessarily limited to the specific implementations described above. The specific implementations described above are disclosed as examples only.

What is claimed is:

1. A computer-implemented process performed in a computer of a shared storage system comprising computer storage, comprising:

receiving, by a processing device of the computer, objects over a computer network, each received object being associated with a user account to store the received object on the shared storage system;

storing, by the processing device, the received objects on the computer storage of the shared storage system, each received object being stored in a manner indicating the user account that stored the received object in the shared storage system;

marking, by the processing device, an object from among the objects stored on the shared storage system as containing prohibited content;

in response to the marking of an object as containing prohibited content, storing, by the processing device, incident data in an incident history record in the computer storage, the incident data indicating at least the user account that stored the marked object in the shared storage system;

processing, by the processing device, the incident history record for incident data associated with a selected user account;

modifying, by the processing device, an access privilege of the selected user account according to rules applied to at least the incident data in the incident history record associated with the selected user account as processed from the incident history record;

in response to a request to access an object from among the stored objects,

determining, by the processing device, if content in the requested object is marked as containing prohibited content; and

in response to a determination that the content in the requested object is marked as containing prohibited content, limiting, by the processing device, access to the content from the requested object as stored in the shared storage system.

2. The computer-implemented process of claim **1**, wherein modifying comprises terminating privileges of the user account to share objects with other user accounts.

3. The computer-implemented process of claim **1**, further comprising:

allowing a group of objects from a first user account to be shared with one or more second user accounts;

determining if the group of objects includes an object that is marked as containing prohibited content;

limiting access through the one or more second user accounts to the prohibited content in the object that is marked, while allowing access to other objects in the group of objects through the one or more second user accounts.

4. The computer-implemented process of claim **1**, wherein the object is a file and marking comprises maintaining an access control list for the file, wherein the access control list includes data indicating a file contains prohibited content.

5. The computer-implemented process of claim **1**, wherein the object is a file and limiting access to content in the object includes preventing access to a file stream containing the prohibited content.

6. The computer-implemented process of claim **1**, wherein the object is a file and limiting access to content in the object includes allowing access to a file stream containing metadata about the file.

7. The computer-implemented process of claim **1**, wherein the object is a file storing an image and limiting access to content in the file includes preventing access to a reduced image representative of the image stored in the file.

8. The computer-implemented process of claim **1**, further comprising:

allowing sharing from a first user account, with one or more second user accounts, the object that is marked as containing prohibited content;

limiting access through the one or more second user accounts to the prohibited content in the object.

9. The computer-implemented process of claim **1**, further comprising:

displaying an indication that the object is marked as including prohibited content.

10. An article of manufacture comprising:

computer storage, and computer program instructions stored on the computer storage, wherein the computer program instructions, when processed by a processing device of a computer of a shared storage system comprising computer storage, instruct the processing device to perform a process comprising: